

**Fw: Nammo Talley Closure - Monitoring Wells****Cynthia Ruelas** to: Kevin Wong

05/10/2012 10:09 AM

From: Cynthia Ruelas/R9/USEPA/US  
To: Kevin Wong/R9/USEPA/US@EPA,

Hi Kevin,

Please see Anthony's response below regarding location of wells within a 1 mile radius of the former TTU. Based on Talley's report, the only well within a one mile radius is the "monkey" well. Do you recall whether or not this well has been sampled and tested for perchlorate? I can't remember what was said about this well, and I looked back at my notes and couldn't find that info regarding analysis of water in this well.

I looked at ADWR's map of the other 3 wells within a 1-1.25 mile distance of the TTU that Anthony provided below. Anthony mentioned that the location of the wells may be inaccurate; they may be off by 1/4 of a mile, however, I'm not too worried about the Red Mountain or W.E. Thompson wells since they are not located downgradient of the site. I am also not concerned with the Bureau of Reclamation wells located ~2 miles northeast of the site that Anthony mentioned as well since they are not downgradient and b/c they are located over a mile away from the site. What do you think about the Salt River Project well located about 1 mile southwest of the TTU? This well is located downgradient and about a mile away from the site. I am thinking about asking Anthony if he has any data on this well, but wanted to get your thoughts on this first.

Thanks,  
Cynthia

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----- Forwarded by Cynthia Ruelas/R9/USEPA/US on 05/10/2012 09:46 AM -----

From: "Anthony C. Leverock" <[Leverock.Anthony@azdeq.gov](mailto:Leverock.Anthony@azdeq.gov)>  
To: Cynthia Ruelas/R9/USEPA/US@EPA  
Date: 05/09/2012 05:43 PM  
Subject: Nammo Talley Closure - Monitoring Wells

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Cynthia –

In an early closure plan submittal, Nammo Talley provided a map (figure 1-6) that showed the nearest wells to the former-TTU. That map is attached. Only one well is shown within one mile – the primate research facility (on tribal land). Their map does not go very far east, so I went to the database maintained by AZ Dept of Water Resources (ADWR). Their map shows three wells just about 1 – 1.25 miles away, one owned by the rock sand and gravel operation (Red Mountain Mining), and two owned by "W.E. Thompson". I have attached a pdf of the

AZMAPPER map that shows the general location of the wells, ID'd as 639213/98507 (Red Mountain), 804115/98908 and 804116/98909 (W.E. Thompson). I also note that there is one well owned by Salt River Project 617689/97427) about 1 mile southwest of the TTU. Also, there are a collection of wells owned by the Bureau of Reclamation about 2 miles to the north east. One problem with the wells taken from the ADWR database is that their location may be stated using cadastral info and placed in the center of a region such as a 1/4 section, so may be quite inaccurate.

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Talley Figure 1-6 Geo Map of North Mesa - Wells.pdfTalley Wells Within 1 mile AZMAPPER.pdf